

# INDEX TO VOLUME XLVII

## ARTICLES

Page	Page	Page
Abstracts and References 57, 120, 180, 242, 346, 511, 573, 636, 697, 762, 824	Factory Layout Planning . . . . .	Mass Assembly of Television Receivers . . . . .
Activity Sampling and the Travel Chart . . . . .	Factory Trucks and Mine Cars, Rubber Suspension for . . . . .	Material Handling, Free Moving Equipment for Bulk . . . . .
Aggregate Claimed from Sea . . . . .	Fertilizer Industry, Conveying in the . . . . .	Materials Handling and Automation in the Foundry . . . . .
Alumina Powder, Fluidized Handling of . . . . .	Fibre-glass Mat, Continuous Processes in the Production of . . . . .	Materials Handling in a Heavy Engineering Plant . . . . .
Experiment in Education . . . . .	Fish Processing Factory, Overhead Conveyors in a . . . . .	Materials Handling, Special Vehicles for . . . . .
Animal Feeding Stuff, Package Unit Milling or Application of Vibratory Power to Mechanical Handling, The . . . . .	5½-Mile-Long Belt Conveyor System . . . . .	Mechanical Car Park for London . . . . .
Automatic Handling in Electric Lamp Production . . . . .	Flexible and Safe Electrical Power Distribution . . . . .	Mechanical Handling, The Application of Vibratory Power to . . . . .
Automatic Handling of Timber . . . . .	Fluidized Handling of Alumina Powder . . . . .	Mechanical Handling at Modern Sugar Refinery . . . . .
Automatic Hardening and Tempering of Carbine Barrel Forgings . . . . .	Ford Motor Co., Ltd., Integrated Materials Handling at the . . . . .	Mechanical Handling at New Fertilizer Plant . . . . .
Automatic Loading and Unloading for Bright Cadmium Plating Plant . . . . .	Forgemasters' Fleet of Forty Fork Trucks . . . . .	Mechanization at a New Distillery . . . . .
Automatic Plant for Bulk Storage and Handling of Ingredients at a Biscuit Factory . . . . .	Fork Lift Transporters, Heavy-Duty Side Operating . . . . .	Mechanized Bottling Plant . . . . .
Automatic Plating Plant . . . . .	Fork Lift Truck Efficiency, Improving . . . . .	Mechanized Limestone Quarry . . . . .
Automatic Process Plant, Skip Hoist Application to . . . . .	Fork Trucks Redesigned, Conveyancer . . . . .	Mining, Bunker Train in Tunnelling and . . . . .
Automatic Sampling, Towards Automation with . . . . .	Fork Trucks Save Time and Space in Ice Cream Store (T. Wall & Sons) . . . . .	Morris Memorial Winning Essay, 1960, John Motor Car Factory, Fully Automatic Control of Paint Shop Conveyors at French (Simca) . . . . .
Automatics, Handling Products in . . . . .	Foundry, Materials Handling and Automation in the . . . . .	615
Banana Warehouse, Conveyor Installation in . . . . .	Free Moving Equipment for Bulk Material Handling . . . . .	New Double-Drum Conveyor Drive . . . . .
Benedictine, Handling in the Production of . . . . .	Freight Handling, Simplified . . . . .	New Plant for Screening, Storage and Automatic Grading . . . . .
Berkley, Fuel Handling Machinery for . . . . .	Fully Automatic Control of Paint Shop Conveyors at French Motor Car Factory (Simca) . . . . .	New 'Universal' Digger Loader . . . . .
Biscuit Factory, Automatic Plant for Bulk Storage and Handling of Ingredients at a . . . . .	Fuel Handling Machinery for Berkeley . . . . .	'Non-fixed' Conveyors and Elevators—Part 19 . . . . .
Body Trim Tracks at Longbridge . . . . .	Fully Automatic Heat Treatment Line . . . . .	One Reach Truck Serves Large New Depot . . . . .
Bottling Plant, Mechanized . . . . .	Giant Ball Bearings for Dockside Crane . . . . .	Overhead Conveyors in a Fish Processing Factory . . . . .
Brewery Empties and Fulls Handled Without Hands . . . . .	Glass, A Conveyor for . . . . .	Overhead Cranes with Pneumatic Tyres . . . . .
British Road Services, Handling Techniques in . . . . .	Grader, Sheet Metal . . . . .	Package-unit Milling for Animal Feeding Stuff . . . . .
British Version of the 'Trojan' Tractor Shovel . . . . .	Greenock, £1,000,000 Refinery at . . . . .	Parcels Sorting Office, Leeds Mechanical . . . . .
Brooke Bond, Tea Handling at Manchester Warehouse of . . . . .	Handled Without Hands, Brewery Empties and Fulls . . . . .	Passenger Conveyors . . . . .
Bulk Salt Cargo Handling . . . . .	Handling and Transporting Equipment, Traction Batteries for Electric . . . . .	Pavement, London's Moving . . . . .
Bulk Salt Stockpile Handling . . . . .	Handling, Crane for Container . . . . .	Power at Power Stations, Handling Milled—Part 1 . . . . .
Butyl Rubber, Introducing . . . . .	Handling with Industrial Trucks—Part 4 . . . . .	Part 2 . . . . .
Capacity Stacking Carrier, 50,000-lb . . . . .	Part 5 . . . . .	Planning, Factory Layout . . . . .
Carbine Barrel Forgings, Automatic Hardening and Tempering of . . . . .	Part 6 . . . . .	Plant, Track Reconditioning . . . . .
Conveyor Drive, New Double-Drum . . . . .	Part 7 . . . . .	Plating Plant, Automatic Loading and Unloading for Bright Cadmium . . . . .
Conveyor for Glass, A . . . . .	Part 8 . . . . .	Pneumatic Tube System, Ring Main . . . . .
Car Park for London, Mechanical . . . . .	Handling of Leaf Tobacco . . . . .	Pneumatic Tyres, Overhead Cranes with Power Distribution, Flexible and Safe Electrical . . . . .
Concrete Plant, Ready-mixed . . . . .	Handling Milled Peat at Power Stations—Part 1 . . . . .	Prefabrication on a Grand Scale, Crane Builder and Shipbuilder Combine to Achieve . . . . .
Continuous Processes in the Production of Fibre-glass Mat . . . . .	Part 2 . . . . .	Preparation, Iron Ore . . . . .
Conveyor Fork Trucks Redesigned . . . . .	Handling in the Production of Benedictine . . . . .	Pulp Mill, Log Handling at . . . . .
Conveying in the Fertilizer Industry . . . . .	Handling Products in Bags . . . . .	Quarry, Mechanized Limestone . . . . .
Conveyor Belting with Corrugated Sides . . . . .	Handling in a Shirt Factory . . . . .	Railway Wagon Lift . . . . .
Conveyor Drive, Simplified . . . . .	Handling Stores for Self Service . . . . .	Rapide, Lansing Bagnall . . . . .
Conveyor Installation in a Banana Warehouse . . . . .	Handling Techniques in British Road Services . . . . .	Reach Truck Serves Large New Depot, One Ready-Mixed Concrete Plant . . . . .
Conveyor, Sinks by . . . . .	Heat Treatment Line, Fully Automatic . . . . .	Refinery at Greenock, £1,000,000 . . . . .
Conveyor System, 5½-Mile-Long Belt . . . . .	Heating Engineers Install Stock Control System . . . . .	Reliance 'Cub' in Action, The . . . . .
Conveyors and Elevators, 'Non-fixed' . . . . .	Heavy-Duty Side Operating Fork Lift Transporters . . . . .	Requirements of the Shipping Industry . . . . .
Conveyors in the Ice Cream Industry . . . . .	Hydraulic Luffing Gear on Dockside Crane . . . . .	Ring Main Pneumatic Tube System . . . . .
Conveyors, Passenger . . . . .	Ice Cream Industry, Conveyors in the . . . . .	Rotary Filler, Exact Volume . . . . .
Convevler and Shipbuilder Combine to Achieve Prefabrication on a Grand Scale . . . . .	Ice Cream Store, Fork Trucks Save Time and Space in Ice Cream Store (T. Wall & Sons) . . . . .	Rubber Suspension for Factory Trucks and Mine Cars . . . . .
Convevler, Climbs, Linden . . . . .	Improving Fork Lift Truck Efficiency . . . . .	218
Convevler for Container Handling . . . . .	Industrial Couplings . . . . .	Salt Cargo Handling, Bulk . . . . .
Convevler, Hydraulic Luffing Gear on Dockside . . . . .	Industrial Truck or Industrial Necessity, The (1960 John Morris Memorial Winning Essay) . . . . .	Screening, Storage and Automatic Grading, New Plant for . . . . .
Convevler, 200-ton Floating . . . . .	Integrated Materials Handling at the Ford Motor Co., Ltd. . . . . .	Sea, Aggregate Claimed from . . . . .
Dennis Aircraft Loader, The . . . . .	Introducing Butyl Rubber . . . . .	Selling to Western Germany . . . . .
Drillery, Mechanization at a New . . . . .	Iron Ore Preparation . . . . .	Sequence Control Panel at Sugar Factory . . . . .
Dockside Crane, Giant Ball Bearings for . . . . .	Japanese Material Handling Study Team, Visit of . . . . .	Sheet Metal Grader . . . . .
Education, An Experiment in . . . . .	Lansing Bagnall . . . . .	Shirt Factory, Handling in a . . . . .
Electric Lamp Production, Automatic Handling in . . . . .	Leeds Mechanical Parcels Sorting Office . . . . .	Shovels, Two New Loading . . . . .
Electro-Hydraulic Tail Lift, An . . . . .	Linden Crane Climb . . . . .	Simplified Conveyor Drive . . . . .
Engineering Plant, Materials Handling in Heavy . . . . .	Loader, New 'Universal' Digger . . . . .	Simplified Freight Handling . . . . .
Exact Volume Rotary Filler . . . . .	Loader, The Dennis Aircraft . . . . .	Sinks by Conveyor . . . . .
D	Log Handling at Pulp Mill . . . . .	Plant . . . . .
D	London's Moving Pavement . . . . .	Special Vehicles for Materials Handling . . . . .
D	Longbridge, Body Trim Tracks at . . . . .	Stacking Carrier, 50,000 lb Capacity . . . . .
D	Longbridge, Body Trim Tracks at . . . . .	Stock Control System, Heating Engineers Install . . . . .
D	Longbridge, Body Trim Tracks at . . . . .	Stores for Self Service, Handling . . . . .
D	Longbridge, Body Trim Tracks at . . . . .	Sugar Factory, Sequence Control Panel at . . . . .
D	Longbridge, Body Trim Tracks at . . . . .	Sugar Refinery, Mechanical Handling at a Modern . . . . .
D	Longbridge, Body Trim Tracks at . . . . .	Sugar at 10 Hundredweight a Minute . . . . .

Page	Page	Page	
Tail Lift, An Electro-Hydraulic.....	446	Bache, F. Eric L.....	563
Tea Handling at Manchester Warehouse of Brooke Bond.....	740	Bache, R. Philip S.....	563
Television Receivers, Mass Assembly of.....	704	Bailey, L. W.....	814
Timber, Automatic Handling of.....	642	Baird, Kenneth.....	112
Tobacco, Handling of Leaf.....	330	Baird, R. G.....	562
Towards Automation with Automatic Sampling.....	459	Barker, H. P., M.Inst.Gas E., M.I.E.E., M.I.Mech.E., M.Inst.T., F.B.I.M.....	815
Track Reconditioning Plant.....	343	Barrie, J. P.....	234
Traction Batteries for Electric Handling and Transporting Equipment.....	783	Barton, A.....	48
Travel Chart, Activity Sampling and the.....	601	Barton, R. W.....	563
'Trojan' Shovel, British Version of.....	729	Bass, B. S.....	508
Trucks, Forgemasters' Fleet of Forty Four Trucks, Two New Loading Shovels.....	211	Bates, F. W.....	624
Trucks, Handling with Industrial— Part 4.....	33	Bealing, Ernest.....	816
Trucks, Handling with Industrial— Part 5.....	37	Beebe, George.....	563
Trucks, Handling with Industrial— Part 6.....	69	Bickley, D. J., A.M.I.Mech.E.....	685
Trucks, Handling with Industrial— Part 7.....	159	Billington, C. W.....	234
Trucks, Handling with Industrial— Part 8.....	201	Black, E. H.....	752
Trucks, Handling with Industrial— Part 9.....	483	Blakeborough, J. Boyd.....	170
200-ton Floating Crane.....	651	Booth, W. R.....	751
Ultra-Modern Mill in Northern Ireland.....	341	Bourne, General Sir Geoffrey, K.C.B., K.B.E., C.M.G.....	562
Visit of Japanese Material Handling Study Team.....	12	Bowers, D. R.....	169
Wagon Lift, Railway.....	29	Bramham, Harry.....	50
Western Germany, Selling to.....	47	Brocklesby, Malcolm.....	751
<b>AUTHORS</b>			
Bailey, L. W., F.R.Econ.S., A.M.I.Prod.E.....	18	Bromley, N. P.....	685
Beskine, J. M., B.Sc.(Eng.).....	4, 99, 138, 522	Brough, J. S., M.I.Chem.E., M.I.Mech.E., M.Inst.F., F.Inst.Pet.....	815
Bunn, R. J.....	551	Brown, A.....	50
Bushell, E., A.M.I.Mech.E.....	126	Brownett, E. H.....	169
Clease, A. G. Douglas, B.Sc., A.M.I.Mech.E.....	66, 538	Bright, J. S.....	234
Coakley, S. F., B.E., B.Sc.....	466, 529	Brinley, H. R.....	625
Duley, R. D.....	459	Brown, R. O.....	815
Evans, A. E. C.....	333	Brown, S. J.....	234
Foale, R. D. T.....	460	Chalmers, O. S.....	685
Gaudreau, A. T.....	667	Chamberlain, Leslie F.....	48
Goodman, L. Landon.....	543	Champion, A. M., M.B.E.....	625
Greene, D. E., A.M.I.Prod.E., A.M.B.I.M.....	601	Chapman, W. U.....	624
Grindrod, J., B.A.(Com.).....	136, 208	Clark, Michael.....	752
Gronback, F.....	740	Clayton, M.....	234
Highgate, T. W.....	89	Coles, A. T.....	624
Hoefkens, L. J., A.I.Prod.E.....	37, 69, 159, 201, 483	Collins, S. G.....	563
Kelly, A. G., B.E., A.M.I.Mech.E., M.A.S.M.E.....	466, 529	Cooke, R., B.A.(Lond.), M.I.E.....	815
Latham, John D., A.M.I.Plant.E.....	132	Crichton, David.....	814
Lawrence, H. M., M.I.Mech.E., A.M.Inst.Gas E.....	219	Crome, E. A.....	814
Lister, D. J., M.A.(Cantab.).....	812	Cumming-Bruce, The Hon. Francis, C.M.G.....	113
Lloyd, Henry L.....	795	Cunningham, M. T., B.Sc.....	686
MacCulloch, P. C.....	143, 211	Darnell, H.....	685
Marjoribanks, J. A. M.....	47	Dearden, W. R., A.M.I.Mech.E.....	234
Maskell, R. C.....	126	Dickinson, S.....	235
Mumby, K.....	606, 729	Dixon, A. N.....	169, 624
Parnall, C. E.....	196, 717, 770	Dixon, Guy.....	816
Potter, D. M., B.A.(Oxon.).....	580, 656, 800	Doak, Sir James.....	563
Richards, C. C., A.M.I.Mech.E.....	783	Dolphin, John.....	752
Salter, Richard J., B.Sc.(Eng.), A.M.I.C.E., A.M.I.Mun.E.....	680	Dolphin, J. R. V.....	234
Sanders, P. M., M.I.Mech.E., M.Inst.T.....	339, 462, 588, 704	Doust, G. H.....	563
Schmoll, Karl.....	651	Ellison, V. F.....	686
Seiler, William.....	778	Elton, Arthur.....	170
Strong, A. G., M.Sc.....	44	Everard, Laurie F.....	500
Vallings, H. G., A.M.I.Mech.E.....	84, 314, 645, 775	Eyre, R.....	169
Winfield, O., M.I.Plant.E.....	193	Finch, C. F.....	624
Wolpert, V.....	25	Firth, J.....	48
<b>BOOKS REVIEWED</b>			
Colliery Year Book and Coal Trades Directory, 1960.....	744	Fleming, P. E.....	816
Dictionary of Mechanical Engineering Terms.....	686	Flynn, James G.....	624
Electrical Who's Who 1960-61.....	686	Foster, S. H.....	234
Fluid Power Control.....	605	Frankle, L. A.....	113
Hydraulic Handbook.....	744	Frost, R. C.....	170
Industrial Packaging.....	686	Fry, Wilfrid J., A.M.Brit.I.R.E.....	685
Mechanics of Materials.....	744	Frymire, H. D.....	808
Numerical Methods for High-Speed Com- puters.....	605	Gill, Alan S.....	815
Plastics Progress 1959.....	744	Godfrey, A. B.....	624
Process Integration and Instrumentation.....	744	Godfrey, S. S., A.M.I.E.E., A.M.A.I.E.E., Hon.M.I.Prod.E.....	816
<b>BRITISH MATERIALS HANDLING EQUIPMENT OVERSEAS</b>			
Bray Construction Equipment, Ltd.....	50	Goddard, J. H.....	113
British Ropeway Engineering Co. Ltd.....	688	Gomm, B. A.....	625
Conveyancer Fork Trucks, Ltd.....	49, 166, 230, 318	Gregg, A. E.....	170
Conveyors (Ready Built), Ltd.....	165	Gregory, H. W.....	751
Fraser & Chalmers Engineering Works.....	627	Greaves, W. R.....	624
General Electric Co. Ltd.....	565	Griffiths, C. W.....	624
Goodyear Tyre & Rubber Co. Ltd.....	627, 688	Grossmith, G. W., M.I.Mech.E.....	625
International Harvester Company of Great Britain, Ltd.....	49, 165, 230, 315, 626	Hancock, Ernest W., O.B.E., M.I.Mech.E., Hon.M.I.Prod.E.....	750
Meadows, Henry, Ltd.....	687	Handley, D. B., Sc.....	500, 563
Morris, Herbert, Ltd.....	47, 166	Harper, Lionel.....	625
Parker, Frederick, Ltd.....	318, 564	Harvey, G. F. B.....	234
Perkins Engines, Ltd.....	688	Harvey, R. D., A.M.I.Mech.E.....	624
Ransomes & Rapier, Ltd.....	231, 318, 564	Haugh, W. H.....	234
Ropeways, Ltd.....	230	Hayes, A. L.....	500
Ransomes, Sims & Jefferies, Ltd. 50, 165, 231, 565,	627, 687	Hayes, A. R.....	688
Steels Engineering Products, Ltd. 166, 231, 319, 565,	687	Hayman, Sir Graham.....	624
Teleflex, N. V.....	319	Heatley, R. P.....	169
Weatherill, F. E., Ltd.....	627	Henderson, H. M.....	687
Yale & Towne Manufacturing Co., The.....	319	Hewlett, C. F.....	750
<b>CORRESPONDENCE</b>			
Clayton, M. T.....	749	Heywood, W. J.....	50
Pieton, W. G.....	749	Hide, R. F.....	113
Shields, H. F. H., O.B.E.....	749	Hill, Philip S.....	235
<b>EDITORIALS</b>			
An Even Greater Success.....	349	Hinder, H. C.....	622
Conveying Passengers Europe or Not?.....	701	Hollingsworth, P. M., M.Eng., M.I.E.E., M.A.M.I.E.E.....	688
Exports to the United States.....	577	Page	Page
Hidden Exports.....	765		
How Old is Materials Handling?.....	59		
Industrial Film, The.....	183		
Sir Reginald Maudling, P.C., M.P.....	123		
Taking Stock.....	1		
<b>LOOSE INSERTS</b>			
'At-a-Glance' list of British-made Fork Lift Trucks.....			
'At-a-Glance' list of British-made Mobile Loading Shovels.....			
<b>Mechanical Handling Exhibition and Convention</b>			
Among the Visitors.....	430		
Classified Guide to Manufacturers' Products.....	488		
Cocktail Party.....	435		
Equipment Displayed.....	353		
Exhibition You Must Not Miss, The.....	245		
Facilities for Visitors at the Exhibition.....	260		
Film Programme.....	260		
Mechanical Handling Joint Industries Com- mittee, The.....	313		
Models on Show.....	427, 501		
Names and Addresses of Exhibitors.....	248, 556		
Plans of Exhibition.....	256		
Press Conference on Mechanical Handling Exhibition.....	320		
Preview of Exhibits.....	262		
Solving a Handling Problem.....	639		
Supporting Associations.....	432		
Third Mechanical Handling Gala Ball, The.....	434		
<b>NEWS ITEMS</b>			
Brewing, Bottling and Allied Trades Exhibi- tion.....	682	Hackett, W. W., Snr., C.B.E.....	625
Demonstration of Heavy-Duty Side-oper- ating Fork Lift Transporters.....	727	Hall, Maurice S.....	500
Farnborough Air Display and Exhibition.....	745	Halsbury, Lord.....	624
Industrial Efficiency and Safety Exhibition.....	28	Hamilton, Peter.....	169
Materials Handling Equipment at the 1959 Building Exhibition.....	89	Hampshire, E.....	687
Mechanical Handling and Refrigeration Ex- hibition at Sheffield.....	804	Hancock, Ernest W., O.B.E., M.I.Mech.E., Hon.M.I.Prod.E.....	750
The 'Cleco' Family and Technical Set-Up.....	748	Handley, D. B., Sc.....	500, 563
<b>NEWS OF PERSONALITIES</b>			
Adams, C. F.....	48	Harper, Lionel.....	625
Adams, Colonel P. A., B.A.....	563	Harvey, G. F. B.....	234
Allin, C. W.....	625	Harvey, R. D., A.M.I.Mech.E.....	624
Anderson, D. G.....	751	Haugh, W. H.....	234
Ashton, Geoffrey B., A.M.I.Mech.E.....	235	Hayes, A. L.....	500
		Hayes, A. R.....	688
		Hayman, Sir Graham.....	624
		Heatley, R. P.....	169
		Henderson, H. M.....	687
		Hewlett, C. F.....	750
		Heywood, W. J.....	50
		Hide, R. F.....	113
		Hill, Philip S.....	235
		Hinder, H. C.....	622
		Hollingsworth, P. M., M.Eng., M.I.E.E., M.A.M.I.E.E.....	688

Page	Page	Page	
563 Hollingworth, B., A.M.I.E.E.	624	Shelley, Ben R.	48
561 Holmes, A. H., A.C.A.	814	Shields, H. F., O.B.E.	234
814 Holt, A. H.	816	Silk, P. B.	235
112 Horn, T. M.	112	Smith, George A.	752
562 Houston, W.	112	Smith, G. E.	685
815 Houston, W.	500	Sowman, A. V.	170
234 Houston, P. D.	48	Steeley, D. N.	112
44 Huston, F. C.	624	Stevenson, A. F.	170, 624
563 Ingham, Leslie, A.M.I.E.E., M.A.M.E.M.E.	48	Streets, H.	235
624 Inglis, A. E., B.Sc.(Eng.)	815	Summerfield, L. E.	235
816 Inglis, A. E., B.Sc.(Eng.)	815	Sutcliffe, Geoffrey	169
563 Jackson, Sir Willis, F.R.S.	685	Sykes, Arthur, O.B.E., B.Sc., Wh.Ex., M.I.Mech.E., M.I.P.E., M.S.A.E.	563
234 Jenner, H. R.	235	Taylor, J. H.	685
752 Jessop, A. F.	562	Thickett, G.	685
173 Jofeh, M. L., O.B.E., A.M.I.E.E.	500	Tichelly, L. J.	170
721 Johnson, Professor D. C.	686	Tidbury, E. V.	235
562 Johnson, R.	562	Tombleson, A. W.	112
562 Jones, A. C.	500	Townsend, K. R.	816
169 Jones, J. F.	235	Tudor, J. M.	48
562 Jones, Kenneth	624	Tunbridge, J. S.	624
562 Jones, W. T.	686	Upton, V. G. A.	624
234 Jordison, F.	624	Verey, M. J.	751
815 Kavanagh, E.	751, 815	Verguson, R. E., M.S.M.A.	751
560 Kaye, E.	234	Vilven, J. J.	751
169 Kates, R. L. E.	815	Vine, J. H.	685
234 Kelsay, T. H.	624	Wallis, Claude E., M.B.E.	562
625 King, Hartford M.	170	Ward, Alan	563
815 Kingston, P. A.	624	Warr, L. D.	113
234 Kirkton, A. W.	170	Weatherspoon, T. A.	235
234 Koberth, Dr. Karl	685	Wells, J. C.	169
626 Lambert, V. A. G.	234	West, Tom	563
625 Lavender, Paul	751	Whincup, Peter	815
624 Lee, Leonard P.	169	Wild, C. D.	170
752 Lasley, Jonathan H.	624	Willetts, Dr. B. F., Ph.D., M.Sc., A.M.I.	235
234 Lennox-Boyd, A. T.	170	Mech.E., M.I.Plant.E.	235
624 Lewis, Jack F.	235	Williams, Leslie	113
563 Lloyd, F. S.	563	Willsher, W. L.	562
624 Lloyd, L. A.	685	Wilson, Frank	751
815 Longley, W. H.	→ 169	Winton, R. G.	234
814 Lowe, John	625	Wogin, R.	562
814 Lowe, K. A., B.Sc.(Eng.), A.C.G.I.	624	Wood, A. E.	235
113 A.M.I.Mech.E.	624	Woollatt, K. E.	235
686 Lunn, J.	500	Worboys, Sir Walter	235, 624
685 Mader, Hans	685	Wright, A. R.	234
234 Marchant, G.	169	Wright, Bernard	563
9, 624 Marchant, G. H.	751	Wright, R. D.	624
235 Miles, Alan R.	170	Yarnold, G. H.	686
816 Martin, P. Mc. A.	686	OBITUARIES	563
752 Matherison, William Colley Monckton	685	Archer, F. C.	563
234 Mercer, J. R.	686	Dakin, R. B.	48
563 M'Fawn, Ewen	235	Diggens, A. E.	686
624 Metcalfe, M. A. L.	624	Frankland, C. H., M.I.E.E.	563
686 Millar, R. N.	234	Grainger, W. M.	500
170 Molesworth, E. W.	686	Handover, Jack	752
500 Moore, Matthew Reid	235, 625	Hayman, Lew	48
169 Morton, J. C.	113	Hexter, Irving B.	563
9, 624 Mott, H. P., M.I.Prod.E.	112, 234	Hill, James	500
500 Mousley, Gerry	500	Thomson, James	113
624 Muir, W.	752	PUBLICATIONS RECEIVED	563
48 Mumby, J. L.	751	Ab Bygg-och Transportekonomi (Rolartruc, Ltd.)	56
816 Munck, F. J.	816	Adams Bros. & Burnley, Ltd.	57
624 Munck, O. A.	816	Aluminized Asbestos (Turner Brothers Asbestos Co., Ltd.)	761
624 Munck, S. M. K.	816	Angus, George & Co., Ltd.	179, 242
113 Munck, T. A.	816	Angus Gear Book (Geo. Angus & Co., Ltd.)	56
624 Noren, Ralph	686	Asea Journal	761
500 Odd, R. S.	234	Association of Consulting Engineers	572
815 Oliver, S. H.	686	Aveling-Barford, Ltd.	562
624 O'Shea, J. P.	562	Aveling-Barford News	761
816 Pearce, A. S.	814	Ayrshire Industrial Brochure (Ayr County Council)	624
113 Parry, F.	752	Barimar, Ltd.	179
625 Parker, Leslie	751	Batching Plant (Thos. W. Ward, Ltd.)	242
170 Parkes, E. G.	235	British Productivity Council	179
751 Parkinson, J. D.	562	Broughton, J. & Son (Engineers), Ltd.	573
686 Barnham, Fred	500	Brown, W. W. & Partners, Ltd.	572, 761
624 Pearson, F. J.	500	Butterfield News (W. P. Butterfield, Ltd.)	57
625 Pearson, J. T.	624	Carter, B. & F. & Co., Ltd.	242
625 Parry, T. H. R.	685	Civil Engineering (Hansom Books, Ltd.)	242
500 Perrin, Sir Donald, K.B.E.	751	Cleaver-Hume Press 1960 Catalogue	572
524 Petty, Arthur	751	Clyde Crane & Booth, Ltd.	179
169 Phillips, G. H.	113	Coal: The Price Structure (Federation of British Industries)	761
685 Brownman, J. W.	500	Conveyancer Fork Trucks, Ltd.	696, 761
750 Price, V. C.	816	Co-operation at Wandsworth (Henry Simon, Ltd.)	572
751 Richardson, M. I.	235	Crofts (Engineers), Ltd.	56, 180
800, 563 Reeser, C. W.	112	DCMC Industrial Aerosols, Ltd.	572
625 Semtys, Charles A.	169	Desoutter Bros., Ltd.	696
624 Richards, P. L. A., M.I.Mech.E.	816	The Digger (Ruston-Bucyrus, Ltd.)	179
234 Richards, P. O.	816	Dock and Harbour Authorities' Association	573
624 Ridley, J. W.	563	Durgapur Steelworks (ISCON)	696
500 Ritchie, R.	814	Eimco	672
686 Roberts, L. G. T., M.Inst.B.E., Assoc.I.E.E.	625	Electrol, Ltd.	180, 572
624 Robertson, G. P. 'Robbie'	752	Elliott Automation	696
168 Robinson, Eric A. M.C., M.I.Mech.E.	48	Enchiridion (Firth-Vickers Stainless Steels, Ltd.)	180
685 Rodgers, J. A.	624	Engineers Buyers' Guide 1960, The	573
750 Rumley, L.	235	English Electric Co., Ltd., The	57
111 Sanderson, T.	685	'EUC' News (Blackwood Hodge)	57
235 Seads, C. G.	500	European Technical Digest	242
625 Sharp, C. W.	235	Exporting to the Middle East (Board of Trade)	57
688 Sharp, John R.	234, 752	Fielden Electronics, Ltd.	761
563 Shelley, Ben R.	48	Films (Massey-Ferguson (Great Britain), Ltd.)	179
561 Shields, H. F., O.B.E.	234	Flexibox Mechanical Seals (Flexibox, Ltd.)	179
814 Silk, P. B.	235	Fowler, John, & Co. (Leeds), Ltd.	242
622 Smith, George A.	752	Fuel Abstracts and Current Titles (The Institute of Fuel)	572
562 Smith, G. E.	685	Fuller Airmerge System (The Fuller Co.)	179
815 Sowman, A. V.	170	Getting Together (Richard Sutcliffe, Ltd.)	572
234 Steeley, D. N.	112	Goodyear Industrial Products News	696
562 Stevenson, A. F.	170	Goodyear Industrial Rubber News	180
44 Streets, H.	170	Gouroc Ropework Co., Ltd., The	572
563 Summerfield, L. E.	235	Groundhog Gazette (Marion Power Shovel Co.)	179
500 Sykes, Arthur, O.B.E., B.Sc., Wh.Ex., M.I.Mech.E., M.I.P.E., M.S.A.E.	563	H.M.C. Wheels, Ltd.	761
624 Sykes, Arthur, O.B.E., B.Sc., Wh.Ex., M.I.Mech.E., M.I.P.E., M.S.A.E.	563	Harvester Round (International Harvester Co. of Great Britain, Ltd.)	572
563 Taylor, J. H.	685	Higgs Motors, Ltd.	57
752 Thickett, G.	685	Honeywell Micro Switches (Honeywell Controls, Ltd.)	572
173 Tichelly, L. J.	170	Hydraulic Coupling and Drives (Crofts (Engineers), Ltd.)	242
721 Tidbury, E. V.	235	Hydraulic Oils (Wakefield-Dick Industrial Oils, Ltd.)	696
562 Townsend, K. R.	112	Incandescent Heat Co., Ltd., The	572
562 Townsend, K. R.	816	Inco-Mond Magazine No. 14	572
562 Tudor, J. M.	48	Industrial Hydraulics, Ltd.	573
562 Tunbridge, J. S.	624	International Combustion Products, Ltd.	696
815 Upton, V. G. A.	624	Jenkins, W. J., & Co., Ltd.	179
563 Verey, M. J.	751	Journal of Applied Pneumatics, The (Martonair, Ltd.)	180
563 Vergason, R. E., M.S.M.A.	751	Keir & Cawder News	56
563 Vilven, J. J.	751	Lancashire Dynamo & Crypto, Ltd.	242
563 Vine, J. H.	685	Lancashire Dynamo Electronic Products, Ltd.	696
563 Wallis, Claude E., M.B.E.	562	Laporte Industries, Ltd.	572
563 Ward, Alan	563	Link-Belt Co.	179, 242
563 Warr, L. D.	113	Lyon, Arthur & Co. (Engineers), Ltd.	761
563 Weatherspoon, T. A.	235	Lyons, Claude, Ltd.	242
563 Wells, J. C.	169	Machine Tools (A. A. Jones & Shipman, Ltd.)	572
563 West, Tom	563	Mackay of Feltham	242
563 Whincup, Peter	815	Mechanical Handling Equipment (Association of Swedish Manufacturers of Mechanical Handling Equipment)	572
563 Wild, C. D.	170	Metalastic Furnaces, Ltd.	56
563 Willetts, Dr. B. F., Ph.D., M.Sc., A.M.I.	235	Metal Chip Handling Systems (Link-Belt Co.)	696
563 Mech.E., M.I.Plant.E.	235	Mond Nickel Co., Ltd., The	57
563 Williams, Leslie	113	Monsanto Mail No. 4 (Monsanto Chemicals, Ltd.)	179
563 Willsher, W. L.	562	Morse Chain Division, Borg-Warner, Ltd.	180
563 Wilson, Frank	751	New Henderson Derrick Crane, The (John M. Henderson & Co., Ltd.)	180
563 Winton, R. G.	234	Nickel Bulletin, The	696
563 Wogin, R.	562	Noise in Factories (D.S.I.R.)	696
563 Wood, A. E.	235	Oil Retaining Bearings (Bound Brook Bearings, Ltd.)	573
563 Woollatt, K. E.	235	Overhead Runways Described (Coburn Engineers, Ltd.)	696
563 Worboys, Sir Walter	235, 624	Overhead Travelling Cranes (John Barnsley & Sons, Ltd.)	761
563 Wright, A. R.	234	Owen Organisation	761
563 Wright, Bernard	563	Parker Plant News (Frederick Parker, Ltd.)	179
563 Wright, R. D.	624	Pike, George, Ltd.	572
563 Yarnold, G. H.	686	Pitt, Charles (Barton Stacev), Ltd.	242
563 Yarnold, G. H.	686	Prefabricated Buildings (J. E. Lesser & Sons, Ltd.)	696
563 O'Brien, V. C.	816	Priestman News	761
563 Price, V. C.	816	Ransomes & Rapier, Ltd.	180, 696, 761
563 Price, V. C.	816	Rapid Magnetic Machines, Ltd.	180
563 Price, V. C.	816	Roberts, J. W., Ltd.	242
563 Price, V. C.	816	Self-Changing Gears, Ltd.	572
563 Price, V. C.	816	Silcock's Silicone Rubbers (I.C.I., Ltd.)	696
563 Price, V. C.	816	Simon Handling Engineers, Ltd.	572
563 Price, V. C.	816	Simon, Henry (Holdings), Ltd.	179
563 Price, V. C.	816	Simon Magazine, The (The Simon Engineering Group)	57
563 Price, V. C.	816	Soag Machine Tools	696
563 Price, V. C.	816	Spaceasers Wedge-belt Drives (J. H. Fenner & Co., Ltd.)	696
563 Price, V. C.	816	Steel Castings (Brown, Lenox & Co., Ltd.)	761
563 Price, V. C.	816	Strad Project (Standard Telephones & Cables, Ltd.)	696
563 Price, V. C.	816	Strength and Wire Ropes (Sheffield Wire Rope Co., Ltd.)	696

Page	Page	Page			
Technical Books for Engineers (Machinery Publishing Co., Ltd.) . . . . .	696	Flameproof Mines Tractor (Hunslet Engine Co., Ltd.) . . . . .	754	Pipe-Laying Winch (C. H. Johnson (Machinery), Ltd.) . . . . .	757
Teleflex International News . . . . .	242	For Easy Movement of Heavy Loads (J. Collis & Sons, Ltd.) . . . . .	54	Powered Roof Supports (Electro-Hydraulics, Ltd.) . . . . .	690
Thomas Industrial Automation, Ltd. . . . .	761	Four-Way Flexible Coupling (R. & J. Dick, Ltd.) . . . . .	817	Pneumatic Bin Level Controller (Henry Simon, Ltd.) . . . . .	629
Timken . . . . .	573	Fully Automatic Pallet Loader (Western Manufacturing (Reading), Ltd.) . . . . .	52	Pneumatic Control Valve (Stuart Davis, Ltd.) . . . . .	115
Training Boys in Industry (The Industrial Training Council) . . . . .	761	Gas-driven Concrete Mixer (Frederick Parker, Ltd.) . . . . .	173	Pneumatic Grain Handling (Aldersley Vacuators, Ltd.) . . . . .	52
Trucks for all Purposes (Geest Industries, Ltd.) . . . . .	179	Giant Electric Winch (R. G. Lt. Tournette, Inc.) . . . . .	691	Pneumatic Pump Unit (Neumo, Ltd.) . . . . .	114
Turner Bros. Asbestos Co., Ltd. . . . .	180, 242, 572	Giant International Crawler Tractor (International Harvester Co. (Great Britain), Ltd.) . . . . .	505	Pneumatically Operated Transfer Car (The Globe Pneumatic Engineering Co., Ltd.) . . . . .	236
U.S. Industrial Digest . . . . .	572	Heavy-Duty Rollover Skip (Abelson & Co. (Engineers), Ltd.) . . . . .	628	Portable Belt Conveyors (V.M.E. Conveyor & Furnace, Ltd.) . . . . .	819
Ultive Rope Drives (Crofts (Engineers), Ltd.) . . . . .	761	High-Speed Screw Elevator (James Hodgkinson (Salford), Ltd.) . . . . .	567	Portable Conveyor-Elevator (A. L. Marshall (Carlton), Ltd.) . . . . .	116
V-belt Journal (J. H. Fenner & Co., Ltd.) . . . . .	696	High-Speed Vibratory Screen (W. J. Jenkins & Co., Ltd.) . . . . .	690	Portable Vibrating Table (Blending Machine Co., Ltd.) . . . . .	692
World of Meaning (S. Smith & Sons (England), Ltd.) . . . . .	242	Hopper Level Switches (Firth Cleveland Instruments, Ltd.) . . . . .	757	Pump for Powdered Material (Henry Simon, Ltd.) . . . . .	506
Year Books (Elliott & Co., Ltd.) . . . . .	573	Hydraulic Driving Wheel (Hydrostatic Transmissions, Ltd.) . . . . .	628	Quick-Release Self-Sealing Coupling (Super Oil Seals & Gaskets, Ltd.) . . . . .	818
<b>RECENT PATENTS</b>					
Recent Patents . . . . .	121, 181, 243, 347, 513, 576, 637, 699, 763, 826	Hydraulic Shock Damper (Electro-Hydraulics, Ltd.) . . . . .	115	Rotary Air Compressor for Ruston-Bucyrus Excavator (Hymatic Engineering Co., Ltd.) . . . . .	566
<b>REVIEW OF NEW EQUIPMENT</b>					
Adjustable Dashpot (Kinetro, Ltd.) . . . . .	51	Improved Dust Collector (Dallow Lambert & Co., Ltd.) . . . . .	756	Rotary Torque Actuator (British Arca Regulators, Ltd.) . . . . .	820
Alcon Pump with B.S.A. Engine (Arthur Lyon & Co. (Engineers), Ltd.) . . . . .	568	Improved Hydraulic Ram (Richard Sutcliffe, Ltd.) . . . . .	174	Sample Screening (Birtley Engineering, Ltd.) . . . . .	566
Articulated Diesel Dumper (C. H. Johnson (Machinery), Ltd.) . . . . .	754	Improved J.C.B. Excavator (J. C. Bamford (Excavators), Ltd.) . . . . .	755	Saving Time and Cost of Coal Screening (Frederick Parker, Ltd.) . . . . .	755
Automatic Door-Opening Device (Electro-Hydraulics, Ltd.) . . . . .	237	Improved Midget Hoist (Haltac, Ltd.) . . . . .	689	Self-Dumping Hopper (T. B. Pearson & Sons (Engineers), Ltd.) . . . . .	691
Automatic Lighting Control (Londex, Ltd.) . . . . .	817	Improved Mud Pump (C. H. Johnson (Machinery), Ltd.) . . . . .	820	Self-Locking Folding Box (Granby Box Co., Ltd.) . . . . .	52
Automatic Sheet Sorting and Stacking (Schloemann Aktiengesellschaft) . . . . .	51	Intermittent Gross Weigher (Adequate Weighers, Ltd.) . . . . .	819	Self-Priming Pump (Precision Electrical Products (Stockport), Ltd.) . . . . .	238
Automatic Trailer Coupling (W. C. Youngman, Ltd.) . . . . .	237	Joy Stick Control Unit (Square D, Ltd.) . . . . .	175	Self-Trimming Grab (Michael & Partners, Ltd.) . . . . .	818
Automatic Wire-Tying Machine (Gerrard Industries, Ltd.) . . . . .	114	Light-Weight Electric Chain Hoist (Lifting Gear Products, Ltd.) . . . . .	632	Silicone Grease (Imperial Chemical Industries, Ltd.) . . . . .	692
Automatically Controlled Bulldozer (Bomford & Evershed, Ltd.) . . . . .	51	Low-Loading Trolley (Powell & Co.) . . . . .	173	Slow-Speed Hydraulic Motor (Chamberlain Industries, Ltd.) . . . . .	116
Basement Conveyor (V.M.E. Conveyor & Furnace Co., Ltd.) . . . . .	691	Low-Pressure Cartridge Relief Valve (The Fluid Regulators Corporation) . . . . .	753	Spring-Loaded Stores Ladder (G. Hunter (London), Ltd.) . . . . .	817
Blaw Knox Paver Improved (Blaw Knox, Ltd.) . . . . .	818	Magnetic Instrument Clutches (Crofts (Engineers), Ltd.) . . . . .	506	Stable Hole Conveyor (Richard Sutcliffe, Ltd.) . . . . .	171
Braked and Steered Castor (Autoset (Production), Ltd.) . . . . .	631	Magnetic Separator for Fine-Mesh Materials (Rapid Magnetic Machines, Ltd.) . . . . .	237	Stable Hole Conveyor (Joy-Sullivan, Ltd.) . . . . .	508
British Oversize Vibrating Screens (Armstrong Whitworth (Metal Industries), Ltd.) . . . . .	506	Midget Cylinders (Marltonair, Ltd.) . . . . .	689	Steel Sample Conveyance by Airtube (Lamson Engineering Co., Ltd.) . . . . .	51
Bulk Flour Transporter (Blaw Knox, Ltd.) . . . . .	692	Mine Tub Shake-Out (Sinex Engineering Co., Ltd.) . . . . .	52	Stirred Bunker and Belt Feeder (Wm. Gardiner & Sons (Gloucester), Ltd.) . . . . .	628
Burtonwood Engineering Expansion (Burtonwood Engineering Co., Ltd.) . . . . .	631	Mixer Drive Units (Hightield Gear & Engineering Co., Ltd.) . . . . .	175	Swivelling Twin Wheel Bracket (Autoset (Production), Ltd.) . . . . .	691
Castor Wheel Tyres (Revco Castor Co., Ltd.) . . . . .	753	Mobile Lubrication for Contractors' Plant (Vigol Oil Co., Ltd.) . . . . .	631	Synthetic Conveyor Roll Bearing (E. Farrell & Son, Ltd.) . . . . .	689
Coin Counting Machines (Coin Counting Machine Co., Ltd.) . . . . .	116	Mobile Tower Cranes (Steels Engineering Products, Ltd.) . . . . .	171, 172	Tarred Macadam Plant Control Panel (Brook Motors, Ltd.) . . . . .	630
Collapsible Bulk Container (I.C.I., Ltd.) . . . . .	756	Molybdenum Disulphide in Action (K. S. Paul (Molybdenum Disulphide), Ltd.) . . . . .	174	Telescopic Stacker (Powell & Co.) . . . . .	819
Concrete-Carrying Dumper Body (E. Boydell & Co., Ltd.) . . . . .	566	Needle-Bearing Cam Followers (Ina Needle Bearings, Ltd.) . . . . .	567	Terylene Reinforced V-Belts (I.C.I., Ltd.) . . . . .	236
Concrete-Handling Dumper (Thwaites Engineering Co., Ltd.) . . . . .	755	New Allis-Chalmers Loader (Mackay Industrial Equipment, Ltd.) . . . . .	629	Third Wheel to Increase Compaction Width (Hyster Co.) . . . . .	631
Conveyor Belt Tensioner (Gordon Felber & Co., Ltd.) . . . . .	820	New Allis-Chalmers Tractor Shovel (Mackay Industrial Equipment, Ltd.) . . . . .	753	Totally Enclosed Fan-Cooled Motors (Crompton Parkinson, Ltd.) . . . . .	236
Conveyor Belt Weighing Machine (Merrick Scale Manufacturing Co., Ltd.) . . . . .	505	New Caterpillar D6 Tractor (Caterpillar Tractor Co.) . . . . .	504	Track Link Repair Kit (Bowman (Plant), Ltd.) . . . . .	174
Crawler Tractor and Industrial Equipment (Fred Myers, Ltd.) . . . . .	817	New Electric Starters (Dewhurst & Partners, Ltd.) . . . . .	172	Tramp Iron Diversers (Rapid Magnetic, Ltd.) . . . . .	504
Crawler Tractor Towing Winches (Hyster Co.) . . . . .	175	New Electric Winch (Felco Hoists, Ltd.) . . . . .	632	Trolley to Save Handling Effort (Barron & Shepherd, Ltd.) . . . . .	628
Direct-Acting Water Pump (Richard Sutcliffe, Ltd.) . . . . .	171	New Excavator and Loader (Blaw Knox, Ltd.) . . . . .	504	Universal Drum Pallet (Powell & Co.) . . . . .	506
Double-Acting Fluid Seal (Hall & Hall, Ltd.) . . . . .	53	New Fan-Cooled Motors (Higgs Motors, Ltd.) . . . . .	506	Variable-Depth Box Stillage (W. Groom, Ltd.) . . . . .	53
Dumper for Hydraulic Excavator Operation (C. H. Johnson (Machinery), Ltd.) . . . . .	689	New Induction Heater (Pye, Ltd.) . . . . .	820	Variable Flow Pump (Sutcliffe Hydraulics, Ltd.) . . . . .	53
Easier Tractor Transmission Control (Caterpillar Tractor Co.) . . . . .	173	New J. & L. Smeed's Crane (K. & L. Steelfounders & Engineers, Ltd.) . . . . .	172	Vibratory Hopper (W. R. Hamilton (Plymouth), Ltd.) . . . . .	67
Electrical Industrial Personnel Carrier (Wessex Industries (Poole), Ltd.) . . . . .	238	New Merton Frontloader (Merton Engineering Co., Ltd.) . . . . .	238	Weigher and Bag-Filling Machine (The Richardson Scale Co., Ltd.) . . . . .	806
Electrically Operated Feedometer (Adequate Weighers, Ltd.) . . . . .	568	New Vibratory Conveyor (Sinex Engineering Co., Ltd.) . . . . .	238	Wire Rope Terminal (Tulloch Construction Co., Ltd.) . . . . .	116
Electro-Magnetic Brake Motors (Newmans Industries, Ltd.) . . . . .	172	1-Ton Lifting Table (J. P. Udal, Ltd.) . . . . .	630		
Electro-Hydraulic Stackers (Rotatrue, Ltd.) . . . . .	115	Overhead Crane Hydraulic Brake (A.E.I., Ltd.) . . . . .	630		
Electronic Level Indicator (Thomas Industrial Automation, Ltd.) . . . . .	690	Pallet Loading Machines (Gimson & Co. (Leicester), Ltd.) . . . . .	237		
Electro-Pneumatic Material Flow Control (Lindars Automation, Ltd.) . . . . .	174	Paper Reel Lifting Device (International Computers & Tabulating Machines, Ltd.) . . . . .	818		
Electronic Weigher (Electroweighers, Ltd.) . . . . .	115				

## SOCIETIES AND INSTITUTIONS

Fédération Européenne de la Manutention . . . . .	747
Institute of Materials Handling Annual Dinner . . . . .	435
21st Anniversary of the Mechanical Handling Engineers Association . . . . .	813

## SUMMARY OF CONTENTS

Summary of Contents	2, 60, 124, 184
Sommaire en Français	246, 454, 516, 575
Inhaltsübersicht auf Deutsch	640, 702, 766
Sumario en Espanol	

	Page		Page
<b>TRADE NOTES</b>			
Aerox, Ltd.	55	G.E.C. Turbo-Blower for British Steelworks (General Electric Co., Ltd.)	822
Agents in Australia for Hamilton (William O. Bullock)	632	General Electric Co., Ltd., The	633
Agreement with Unit Crane & Shovel Corporation, U.S.A. (Steel & Co., Ltd.)	178	Goodyear Torture-Test Conveyor Belts (Goodyear Tyre & Rubber Co., Ltd.)	694
Air-Dust Vacuum Systems, Ltd.	177	Green, Richard, Ltd.	176
Australia Launches World Trade Fair	176		
Amstel Club, The	571		
Another Simms Acquisition (Simms Motor Units, Ltd.)	821	£1-million Worth of Crane Controls (Brookhirst Igranic)	570
Automatic Stone Coating Plant (D. Davies & Sons (Dinas), Ltd.)	821	Handling with Industrial Trucks (Yale & Towne Manufacturing Co.)	119
B.S. Handbook No. 4: Lifting Tackle	177	Honeywell Controls, Ltd.	570
Baker Perkins Acquire Granbull Tool Co.	693	Hoover, Ltd.	56
Best Suggestion (Small & Parkes, Ltd.)	56	Hough Payloaders (International Harvester Co. of Great Britain, Ltd.)	239
Bid to Solve Problems of Skilled Labour Shortages (Yale & Towne Manufacturing Co.)	822		
Big Cranes Have Little Cranes (Babcock & Wilcox, Ltd.)	241	IH Tractor to be Made in Spain (International Harvester Co. of Great Britain, Ltd.)	569
Big Job Order for Auger Conveyors (Gordon Felber & Co., Ltd.)	569	Induction Furnace Agreement (The General Electric Co., Ltd.)	695
Bowlmaker, Ltd.	117, 240, 633	Introduction to Industry (Westinghouse Brake & Signal Co., Ltd.)	178
Bras Sales Drive in Western Germany (Bray Construction Equipment, Ltd.)	510	Investment in French Company (Elliott-Automation)	177
British Drilling Machines of Revolutionary Design for Russia (Holman Group)	635		
British Industrial Truck Association	760	Johnson, C. H. (Machinery), Ltd.	757
British Ropes Ltd., Expands Mexican Factory	510	Jones Crane Photo Competition (George Cohen Sons & Co., Ltd.)	695
British Standard 3214: 1960 for Plugs and Locking Sockets	571		
British Tractors for Pakistan (John Fowler & Co. (Leeds), Ltd.)	176	Lang Pneumatic, Ltd.	54
David Brown Expansion in India (David Brown Tractors, Ltd.)	757	London Office (Strachan & Henshaw, Ltd.)	760
Burtonwood open South African Agency (The Burtonwood Engineering Co.)	760	Lord Craigtoun's Tribute to Scottish Enterprise (The North British Rubber Company)	118
Business Acquired (C. H. Johnson (Machinery), Ltd.)	822		
Change of Address:			
Fulden Partners, Ltd.	176	Mackay Industrial Equipment, Ltd.	693
Aveling Truck Co., Ltd.	241	Mann, Albert, Engineering Co., Ltd.	241
Latt Brothers (London), Ltd.	56	Acquire Rolls Race Conveyors, Ltd.	119
Turner Brothers Asbestos Co., Ltd.	511	Marion Power Excavators and Cranes (Babcock & Wilcox, Ltd.)	570
Ransomes & Marles Bearing Co., Ltd.	511	Martonair Record Airfreight (Martonair, Ltd.)	570
Barron & Shepherd, Ltd.	511	Massey-Ferguson, Ltd.	55
Precision Components (Barnet), Ltd.	635	Mayrath Speeds Malt Process (Gordon Felber & Co., Ltd.)	509
P. C. & C. K. Chase, Ltd.	758	Mechanical Handling Engineers' Association Education Prize Scheme	633
Chloride Electrical Storage Co., Ltd., The Clearing Polluted Beaches (Bray Construction Equipment, Ltd.)	633	Mercantile Credit Co., Ltd.	633
Coal Preparation Plants in South Africa (General Electric Co., Ltd.)	758	Mining Engineering Co., Ltd., The Celebrate 50th Anniversary	241
Companies Change their Names: (A.E.I., Ltd.)	54	'Modac' Connectors Transferred (The Plessey Co., Ltd.)	54
Conference of the Institute of Materials Handling	758	More Nylon in Conveyor Belting	509
Consolidated Pneumatic Tool Co., Ltd., The Contract for G.E.C. £2m.	54	Move to London (Dewrance & Co., Ltd., Jones Tate Division)	758
Contract from Kuwait (Lancashire Dynamo Group)	239		
Crane Controls Ordered (Brookhirst Igranic)	634	National Coal Board uses Parker Mobile Screening Plant (Frederick Parker, Ltd.)	695
Crane Order, £300,000 (Wharton Crane & Hoist Co., Ltd.)	241	New Canteen at Exide Works (Chloride Batteries, Ltd.)	117
Crofts Open New Distribution Centre (Crofts (Engineers), Ltd.)	634	New Departure in Weighing Equipment (Precision Engineering Co., Ltd.)	634
Delivery by Crane—Rhenus Installed at George Berridge (Beck & Pollitzer, Ltd.)	240	New Depot Opened (The Leverton Group)	241
Demonstration of Side-operating Fork Lift Carriers (Materials Handling Equipment (G.B.), Ltd.)	822	New Exhibitions at Crystal Palace (Construction Equipment Exhibitions, Ltd.)	635
Dexion, Ltd.	695	New Factory for Aveling-Barford, Ltd.	118
Dexion Opens New Factory (Dexion, Ltd.)	634	New Field Office (Square D, Ltd.)	694
Dowty Group, Ltd.	821	New Finishing Plant for John Bruce (Engineers), Ltd.	119
Engineering Industries in Europe, The (Organization for European Economic Co-operation)	176	(Parkinson Cowan Industrial Products)	823
Exhibition at Fruit and Vegetable Market	694	New Heavy-Duty Fordson Clutch (Ford Motor Co., Ltd.)	117
Fédération Européenne de la Manutention..		New Quarrying Company (Frederick Parker, Ltd.)	117
Fenner, J. H., in South Africa (G. H. Fenner & Co., Ltd.)	632	New Mackay Depot in the North, A (Mackay Industrial Equipment, Ltd.)	117
Fischer Bearings Co., Ltd.	178	New Overhead Cranes for Locomotive Works (Herbert Morris, Ltd.)	117
Ford's Achievements in the U.S.A. Tractor Market	55	New R.T.B. Steelworks (Strachan & Henshaw, Ltd.)	117
Ford's New Factory	55	New Service Depot (Yale & Towne Manufacturing Co.)	117
Forward Discharge Elevator (John King & Co. (Leeds), Ltd.)	55	New Standard of Service for Fork Lift Trucks (Matbro, Ltd.)	117
Freight Handling By British Railways, Western Region	178	New-style Fork Lift Trucks for Grant's (Yale & Towne Manufacturing Co.)	117
Further Expansion of the Chamberlain Group	55	New Subsidiary in Australia for Alfred Bullows	117
		New Vistas for the Fork Lift Truck (Coventry Climax, Ltd.)	117
		Niagara Change Their Title (Niagara Screens (Great Britain), Ltd.)	117
		Night Operations on Bridge (British Railways)	117
		1960 John Morris Memorial Award (British Industrial Truck Association)	117
		1961 John Morris Memorial Award	117
		Now 'Buildmaster'—British Built (Abelson & Co. (Engineers), Ltd.)	117
		Weatherill, F. E., Ltd.	633
		Weldall & Assembly, Ltd.	694
		Westalite Selenium Rectifier Manufacturing Plant for India (Westinghouse Brake & Signal Co., Ltd.)	694
		Wheway, Watson & McLean, Ltd.	759
		Whitlock Bros., Ltd.	634
		Whitlock Demonstration (Whitlock Bros., Ltd.)	510
		Wolverhampton Firm Secure Agency (Aldersley Engineers, Ltd.)	56
		Yale Open Swiss Branch (Yale & Towne Manufacturing Co.)	117